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CANCER RESEARCH IN A SCHOOL OF PHARMACY: LEADING THE WAY IN DRUG AND TARGET IDENTIFICATION AND VALIDATION

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Expertise in Schools of Pharmacy often ranges from medicinal chemistry through to clinical pharmacy. This diversity of expertise can provide the foundation for identifying and validating new molecular targets important in cancer biology. It can also facilitate the discovery and development of new drugs for cancer treatment.

To illustrate this, examples will be given showing

- Identification and validation of the lactate transporter, mct4, as an important new therapeutic target.
- Identification of inhibitors of NQO2 that may have therapeutic potential.